



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

## SEASONAL INFLUENZA ACTIVITY

The May 11-17 flu surveillance report was the final full report for the 2013-14 season. Flu surveillance continues throughout the summer. Condensed reports are available at [www.cdc.gov/flu/weekly](http://www.cdc.gov/flu/weekly). Through the week ending May 24, 96 flu-associated pediatric deaths have been reported for the 2013-14 season.

## OTHER INFLUENZA-RELATED NEWS

- CDC: [World Cup 2014, travelers to Brazil urged to get flu vaccine](#)
- [New H10N8 bird flu 'not imminent global threat'](#)
- [Study finds third-party billing issues hurts school vaccination programs](#)
- [Employers must understand implications of mandatory flu vaccination for healthcare workers](#)

## MERS CASES IN THE UNITED STATES

Middle East Respiratory Syndrome (MERS) is a viral respiratory illness first reported in Saudi Arabia in 2012. So far, all the cases since 2012 have been linked to countries in the Arabian Peninsula. There is no evidence of sustained person-to-person transmission at this time.

There have been 2 imported cases of MERS confirmed in the U.S. (Indiana and Florida) from travelers from Saudi Arabia. It was thought the Indiana case may have infected an Illinois resident. After completing additional laboratory tests, CDC officials concluded the Indiana patient [did not](#) spread the virus to an Illinois resident. For more information on MERS, including info specific for healthcare providers, visit the [CDC MERS website](#).



Source: CDC

## AVIAN INFLUENZA A(H7N9) NEWS AND JOURNAL ARTICLES

The number of H7N9 cases in China has slowed down throughout spring 2014. The global outbreak total is now [447 cases](#) with at least 157 deaths since February 2013.

- [Human exposure to live poultry and psychological and behavioral responses to influenza A\(H7N9\), China](#)
  - Urban, rural Chinese residents interviewed in 2013 after the spring peak in cases reported high exposure to poultry, low anxiety about the disease
- [Tests show high H7N9 antibodies in Chinese poultry workers](#)
- [H7N9 strikes two Shandong province family members](#)
- [Genetic changes of reemerged influenza A\(H7N9\) viruses, China](#)
  - Researchers found viruses in the second wave (since Oct. 2013) differed in 5 of 8 RNA segments from isolates from the outbreak's first wave
- [Isolation and characterization of H7N9 virus from humans with respiratory diseases in Zhejiang, China](#)
  - Reopening Zhejiang's live poultry markets during last months of 2013 preceded 2014 spike in cases
  - Provincial officials will permanently shutter all live poultry markets in July 2014

## INFLUENZA-RELATED JOURNAL ARTICLES

- [Rapid online identification of adverse events following influenza immunization in children by PCIRN's National Ambulatory Network](#)
  - Canadian study found similar rates, types of adverse events following immunization with TIV vs. LAIV
- [Rates of influenza-like illness and winter school breaks, Chile, 2004-2010](#)
  - Winter breaks significantly associated with 2/3 temporary incidence reduction among schoolchildren
  - Supports temporarily closing schools to reduce illness

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## FLU WEBSITES

[www.michigan.gov/flu](http://www.michigan.gov/flu)  
[www.cdc.gov/flu](http://www.cdc.gov/flu)  
[www.flu.gov](http://www.flu.gov)  
<http://vaccine.healthmap.org/>